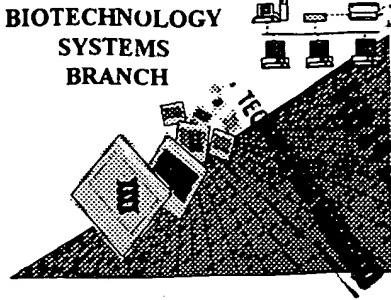


RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/420,692

Source: 1643

Date Processed by STIC: 02/05/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

1643

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/420,692

DATE: 02/05/2001
TIME: 14:11:16

Input Set : A:\106101-197.ST25.txt
Output Set: N:\CRF3\02052001\I420692.raw

Does Not Comply
Corrected Diskette Needed
see page 5

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3 <110> APPLICANT: Besterman, Jeffrey
4      MacLeod, Robert
5      Siders, William
7 <120> TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
9 <130> FILE REFERENCE: 106101.197
11 <140> CURRENT APPLICATION NUMBER: 09/420,692
12 <141> CURRENT FILING DATE: 1999-10-19
14 <150> PRIOR APPLICATION NUMBER: US 60/104,804
15 <151> PRIOR FILING DATE: 1998-10-19
17 <160> NUMBER OF SEQ ID NOS: 90
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70 <213> ORGANISM: oligonucleotide
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See item 11 on ERROR Summary Sheet
Response can be 1 of 3: 1) Scientific name
"genus species," 2) Artificial Sequence, 3) Unknown

20

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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/420,692

DATE: 02/05/2001
 TIME: 14:11:16

Input Set : A:\106101-197.ST25.txt
 Output Set: N:\CRF3\02052001\I420692.raw

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 89 <213> ORGANISM: oligonucleotide
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 93 cgtgcaagg attcaattc 20
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 99 <213> ORGANISM: oligonucleotide
 102 <400> SEQUENCE: 9
 103 aagtccata actgattttt 20
 106 <210> SEQ ID NO: 10
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 108 <212> TYPE: DNA
 109 <213> ORGANISM: oligonucleotide
 111 <400> SEQUENCE: 10
 112 ctccggataat ttttttttac 20
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 116 <211> LENGTH: 20
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 118 <213> ORGANISM: oligonucleotide
 120 <400> SEQUENCE: 11
 121 ccaggttagcc ctccctggat 20
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 125 <211> LENGTH: 20
 126 <212> TYPE: DNA
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 131 aggattttga cttagccag 20
 134 <210> SEQ ID NO: 13
 135 <211> LENGTH: 20
 136 <212> TYPE: DNA
 137 <213> ORGANISM: oligonucleotide
 140 <400> SEQUENCE: 13
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 150 <400> SEQUENCE: 14
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 154 <210> SEQ ID NO: 15

page 1

RAW SEQUENCE LISTING DATE: 02/05/2001
PATENT APPLICATION: US/09/420,692 TIME: 14:11:16

Input Set : A:\106101-197.ST25.txt
Output Set: N:\CRF3\02052001\I420692.raw

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186 <213> ORGANISM: oligonucleotide
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193 <210> SEQ ID NO: 19
194 <211> LENGTH: 20
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196 <213> ORGANISM: oligonucleotide
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203 <210> SEQ ID NO: 20
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206 <213> ORGANISM: oligonucleotide
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216 <213> ORGANISM: oligonucleotide
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226 <213> ORGANISM: oligonucleotide
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Page 1

RAW SEQUENCE LISTING DATE: 02/05/2001
PATENT APPLICATION: US/09/420,692 TIME: 14:11:17

Input Set : A:\106101-197.ST25.txt
Output Set: N:\CRF3\02052001\I420692.raw

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259 tgccagaaa acggggtgacg 20
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268 <400> SEQUENCE: 26
269 gtgcatgtt gggatctcg 20
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274 <212> TYPE: DNA
275 <213> ORGANISM: oligonucleotide
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279 gtgaacggac agatttgacat 20
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283 <211> LENGTH: 20
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293 <212> TYPE: DNA
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298 cgaacctca acaacagtt 20
301 <210> SEQ ID NO: 30
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Page 1

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/420,692

DATE: 02/05/2001
TIME: 14:11:17

Input Set : A:\106101-197.ST25.txt
Output Set: N:\CRF3\02052001\I420692.raw

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341 <210> SEQ ID NO: 34
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343 <212> TYPE: DNA
344 <213> ORGANISM: oligonucleotide
346 <400> SEQUENCE: 34
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350 <210> SEQ ID NO: 35
351 <211> LENGTH: 20
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353 <213> ORGANISM: oligonucleotide
356 <400> SEQUENCE: 35
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393 <213> ORGANISM: oligonucleotide

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page 1

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

VERIFICATION SUMMARY DATE: 02/05/2001
PATENT APPLICATION: US/09/420,692 TIME: 14:11:18

Input Set : A:\106101-197.ST25.txt
Output Set: N:\CRF3\02052001\I420692.raw